

Title (en)

INTERFACE FOR THE TRANSMISSION OF ELECTRICAL POWER TO A MOTOR-COMPRESSOR

Title (de)

SCHNITTSTELLE ZUR ÜBERTRAGUNG VON ELEKTRISCHER ENERGIE AN EINEN MOTORKOMPRESSOR

Title (fr)

INTERFACE DE TRANSMISSION D'ÉLECTRICITÉ SUR UN MOTOCOMPRESSEUR

Publication

EP 3039296 B1 20191225 (EN)

Application

EP 14839198 A 20140827

Priority

- US 201361871361 P 20130829
- US 201414468590 A 20140826
- US 2014052800 W 20140827

Abstract (en)

[origin: US2015061432A1] An interface for transmitting electrical power to a motor of a motor-compressor is provided. The interface may include a receptacle having a first end portion coupled with a stator of the motor and a second end portion defining a hole at least partially extending therethrough. The interface may also include a plug configured to be detachably coupled with the receptacle. The plug may include a rigid, conductive rod having a first end portion configured to be coupled with a penetrator of the motor-compressor, and a second end portion configured to be at least partially disposed in the hole of the receptacle and detachably coupled therewith. The rigid, conductive rod may be configured to electrically couple the penetrator with the receptacle, and the receptacle may be configured to transmit the electrical power to the stator. 18

IPC 8 full level

H02K 3/50 (2006.01); **H02K 5/132** (2006.01); **H02K 5/22** (2006.01); **H01R 13/187** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP RU US)

H02K 3/50 (2013.01 - EP US); **H02K 5/10** (2013.01 - US); **H02K 5/132** (2013.01 - EP US); **H02K 5/225** (2013.01 - EP US); **F04B 45/06** (2013.01 - RU); **H01R 13/187** (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP US); **H02K 2203/09** (2013.01 - EP US)

Citation (examination)

US 4321497 A 19820323 - LONG LAWRENCE J

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2015061432 A1 20150305; **US 9419492 B2 20160816**; CA 2933288 A1 20150305; CA 2933288 C 20171128; EP 3039296 A1 20160706; EP 3039296 A4 20170524; EP 3039296 B1 20191225; RU 2016130326 A 20180130; RU 2644666 C2 20180213; WO 2015031417 A1 20150305

DOCDB simple family (application)

US 201414468590 A 20140826; CA 2933288 A 20140827; EP 14839198 A 20140827; RU 2016130326 A 20140827; US 2014052800 W 20140827